

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: February 2, 2005

Inspector: Diana Walden

Location: 345kV XLPE Component

Storm/

Rain Event: Little precipitation has been recorded since the previous inspection with the most significant being between 0.18-0.30" on 1/29 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> -The preparation for a jack and bore of East Swamp Brook located at the intersection of Plumtrees Rd. Walnut Hill Rd. and Whittlesey Dr. continues. 11/23-2/2/06. - A pad has been constructed off Whittlesey and Plumtrees Rd. for the bore pit and the receiving pit is being constructed at a pull-off adjacent to Walnut Hill Rd. 1/26-2/2/06 -Clearing continues immediately off Rt. 58 in preparation for trenching from Hoyts Hill transition station. 1/26-2/2/06 	<ul style="list-style-type: none"> - An adjacent catch basin was placed with controls as recommended. 2/2/06. -Monitor any tracking issues to the roadways. Some sediment in the street is resulting from the stockpile in place on the pad. This pile will be removed shortly. 2/2/06 - Access into this area will be either be with swamp mats or stone on fabric. The method that creates the smallest impact area should be used. 2/2/06
Trench and foundation construction	<ul style="list-style-type: none"> - The bore pit sheet piling/shoring is still present and installation of sheet piling/shoring continues on the opposite side of the intersection. 2/2/06 - Actual excavation on the bore pit will begin shortly and dewatering will be required. 2/2/06 	<ul style="list-style-type: none"> - Some sediment issues remain, stemming mostly from the stockpile. 1/19-2/2/06. - See erosion control section for more details here. 2/2/06

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Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<p>-The plastic covering slipped off the stockpile on site due to the previous heavy rains. Sedimentation was noted over the downed silt fence here and it had entered the street to some degree. 1/19-2/2/06</p> <p>- The silt fence adjacent to the river still appears to be well in place but run-off from a storm pipe has created a small gap. 1/4-2/2/06</p> <p>-Silt fence is in place on the receiving side as recommended. 1/26-2/2/06</p> <p>- A new dewatering pit was constructed. It is lined with filter fabric and includes a filter bag. 2/2/06</p> <p>-Hoyts Hill- Silt fence and haybales were well installed along the line of clearing in preparation for trenching. 2/2/06</p>	<p>-Contractors stated the pile would be removed from site shortly. If it remains, repair the silt fence at its base or install haybales here. 2/2/06</p> <p>- Place a haybale here if feasible in order to provide some filtration. 1/12-2/2/06</p> <p>-Continue to monitor and maintain and extend to provide further coverage if necessary. 1/26-2/2/06</p> <p>- The pit looks well constructed. Monitor while in use to be sure it has proper capacity. 2/2/06</p> <p>- Erosion controls are well in place, continue to monitor and maintain. 2/2/06</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>-East Swamp Brook crosses under Plumtrees Rd. and is located to the east of the pad. The stream was clear at this time. 2/2/06</p> <p>- Vegetative clearing continues in the wetland adjacent to Hoyts Hill. 1/26-2/2/06</p>	<p>- None at this time.2/2/06</p> <p>- Mats or stone/fabric crossings will be installed here to reduce impacts to the wetland for equipment access. 2/2/06</p>
State species of concern, threatened and endangered species	-The D&M plan and clearance letter states that state-listed species are not located in this work area.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>- Some brush and branches were removed but major clearing was not needed for the receiving side at this time due to mostly low vegetative growth. 1/19-2/2/06</p> <p>-Clearing continues at the</p>	<p>- Clearing was limited to what is necessary and it will continue to be monitored. 2/2/06</p> <p>- The majority of this area is wetland. Mats or stone/fabric crossings will be installed to</p>

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	Hoyts Hill transition station where the XLPE will be connecting. Several trees remain to be cleared. 1/26-2/2/06	continue clearing. Trees should be skidded out on the crossings or towards the transition station to avoid ruts. 2/2/06
Dewatering	-Dewatering had not begun at this time but a well lined pit with a filter bag had been constructed at the jack and bore. Excavation and resulting dewatering is expected to begin shortly. 2/2/06.	-Monitor the pit for appropriate capacity. It looks well constructed. 2/2/06.
Blasting	- No blasting is occurring at this work area.	- None at this time.
Spills and Material Storage	. - Equipment was in place at the receiving pit immediately adjacent to the stream. Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19-2/2/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. - The contractors should remain vigilant about securing and handling fuel and all other material containers due to the sensitivity of the area. - Report spills immediately, even if they are being controlled. - Any fuels and agents not in use should be covered and stored before leaving for the day.

Next likely scheduled inspection:

Thursday, February 9, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



345kV XLPE (Jack and Bore): Photo shows the receiving side of the jack and bore with sheet piling installed. Silt fence was also in place here. Continue to maintain and extend if necessary.
2/2/06



Photo on the left shows a well constructed dewatering pit with a filter bag in place. Monitor while in use to ensure it is sized properly. Photo on the right shows the stockpile on site. Controls are still down with potential sedimentation to the roadway but the pile will be removed soon. 2/2/06



Both photos show the bore pit side of the operation with sheet piling. Excavation is going to begin soon on the bore pit and dewatering will be necessary at that time. 2/2/06



Hoyts Hill: Clearing is underway for a section of XLPE to connect to the Hoyts Hill Transition Station. Good erosion controls are in place and either mats or fabric and stone crossings will be installed to support the equipment that need to access the wetland. 2/2/06